


Stones and Sand

Procedure

- 1. Observe** Work with a partner. Place a piece of sandstone on a sheet of waxed paper. Examine the rock with your hand lens. In the space below, make a drawing of what you see. **Safety:** Wear goggles during this activity. Be careful when handling sandstone.



- 2. Record Data** Pour one spoonful of water on to the piece of sandstone. Record your observations on the lines below.

- 3. Experiment** Place another sheet of waxed paper on the table. Rub two pieces of sandstone together over the waxed paper.

- 4. Observe** Examine what you see on the waxed paper with your hand lens. Make a drawing of it in the space below.



5. Add two spoonfuls of sand to what you see on the waxed paper. Add a spoonful of water to the sand. Record your observations on the lines below.

Conclusion

Write the answers to the questions below.

1. **Infer** Which absorbed more water, sandstone or sand? Based on your observations, would a plant grow better in sandstone or sand?

2. **Hypothesize** What natural processes might cause sandstone to become sand?

Investigate More!

Design an Experiment Is soil alike wherever it is collected? Make a plan to find an answer. List the materials you will need. Then get permission to carry out your investigation.